

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 03916043PC00	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/026835	International filing date (day/month/year) 13/08/2004	(Earliest) Priority Date (day/month/year) 13/08/2003
Applicant  ICONIX PHARMACEUTICALS, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box II).

3.  Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 2

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b.  none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/026835

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>KIM SEUNGCHAN ET AL: "Strong feature sets from small samples."          JOURNAL OF COMPUTATIONAL BIOLOGY : A JOURNAL OF COMPUTATIONAL MOLECULAR CELL BIOLOGY. 2002,          vol. 9, no. 1, 2002, pages 127-146,          XP002330563          ISSN: 1066-5277          abstract; figures 2,4,6          page 127, paragraph 1 - page 130,          paragraph 1          page 131, paragraph 2 - page 136,          paragraph 3          page 142, paragraph 2 - page 143,          paragraph 1</p> <p>-----</p> <p>-/-</p>	1-19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

6 June 2005

28/06/2005

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/026835

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BHATTACHARYYA C ET AL: "Simultaneous classification and relevant feature identification in high-dimensional spaces: application to molecular profiling data" SIGNAL PROCESSING, AMSTERDAM, NL, vol. 83, no. 4, April 2003 (2003-04), pages 729-743, XP004410718 ISSN: 0165-1684 abstract	1,3,4,6, 7,15-19
Y	page 729 - page 730, section 1 page 731 - page 733, section 2.4 page 740 - page 741, appendix A -----	2,5,8-14
Y	GOLDFARB D ET AL: "Robust convex quadratically constrained programs" MATHEMATICAL PROGRAMMING, vol. 97, no. 3, 1 August 2003 (2003-08-01), pages 495-515, XP002330564 abstract page 495, paragraph 1 - page 496, paragraph 3 page 506, paragraph 3 - page 508, paragraph 3 page 513-page 514, section 4 -----	2,5,8-14
X	WO 02/10453 A (GENE LOGIC, INC; MENDRICK, DONNA; PORTER, MARK, W; JOHNSON, KORY, R; C) 7 February 2002 (2002-02-07) abstract page 1, line 7 - page 3, line 2 page 15, line 29 - page 16, line 25 page 18, line 21 - page 20, line 4 page 41, line 1 - page 44, line 20 -----	1-4, 6-11, 13-19
A	WO 02/25570 A (ARRAYEX, INC) 28 March 2002 (2002-03-28) page 41, line 26 - page 43, line 19 -----	1-19

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/US2004/026835

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0210453	A 07-02-2002	AU	8088901 A	13-02-2002
		CA	2414421 A1	07-02-2002
		EP	1364049 A2	26-11-2003
		JP	2004522411 T	29-07-2004
		WO	0210453 A2	07-02-2002
		US	2002119462 A1	29-08-2002
WO 0225570	A 28-03-2002	AU	9129101 A	02-04-2002
		WO	0225570 A2	28-03-2002